

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

**BOX PATENT APPLICATION** 

Eric BENAZZI et al.

Examiner: Unassigned

Serial No.: Unassigned

Group Art Unit: Unassigned

Filed: January 15, 2002

Title: CATALYST THAT COMPRISES A SILICA-ALUMINA AND ITS USE IN HYDROCRACKING OF HYDROCARBON FEEDSTOCKS

## **PRELIMINARY AMENDMENT**

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

Prior to examination, Applicants wish to amend the above-identified application as indicated below:

## **IN THE CLAIMS**:

Please amend the claims as follows:

1. (Amended) A catalyst that comprises at least one hydro-dehydrogenating element and a substrate that comprises at least one silica-alumina, whereby said silica-alumina has the following characteristics:

- -- a content by weight of silica of 10-60% by weight,
- -- a sodium content that is less than 300 ppm by weight,
- -- a total pore volume of between 0.5 and 1.2 ml/g,

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